

METHOD FOR MONITORING AUTHENTICATION PERFORMANCE
IN WIRELESS COMMUNICATION NETWORKS

ABSTRACT OF THE DISCLOSURE

5 A method for monitoring network authentication performance
in wireless communication systems is disclosed, whereby a
standardized message will be used to enable external reporting
of a selection of (or all) successful Global Challenges. A
network operator can select which Global Challenge results are
to be reported, based on one or more factors such as, for
10 example: subscriber number series (i.e., if a subscriber's
number is within a predetermined range, then a successful Global
Challenge can be reported); predetermined periodicity (i.e., the
 n^{th} successful Global Challenge for a subscriber or MSC/VLR can
be reported); access type (i.e., a successful Global Challenge
15 for a Registration request, Originating Calls, Terminating
Calls, and/or Originating Short Messages can be reported), etc.